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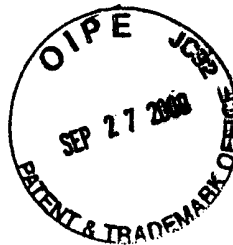
Assistant Commissioner for Patents
Washington, D.C. 20231

On September 22, 2000

TOWNSEND and TOWNSEND and CREW LLP

By: [Signature]

PATENT
Attorney Docket No.: A1771D4T19930
TTC No.: 16301-019930



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

SEBASTIEN RAOUX et al.

Application No.: 08/988,246

Filed: December 1, 1997

For: METHOD AND APPARATUS FOR
MONITORING AND ADJUSTING
CHAMBER IMPEDANCE

Examiner: Rudy Zervigon

Art Unit: 1763

ASSOCIATE POWER OF ATTORNEY

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

I, William L. Shaffer, hereby appoint Chun-Pok Leung, Registration No. 41,405, as an associate attorney in the above-referenced application pursuant to 37 C.F.R. 1.34(b).

Respectfully submitted,

[Signature]

William L. Shaffer
Reg. No. 37,234

TOWNSEND and TOWNSEND and CREW LLP
Tel: (415) 576-0200
Fax: (415) 576-0300
RL
PA 3094514 v1

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